▶ 7.8.227 - Artificial Intelligence: AI Pioneers - AI and the future of Education

Scientific Service: Abstract

Dr. Philipp Grollmann (Michael Härtel, Isabelle Le Mouillour, Daniela Weber)

Running Time I/23 to IV/25
Bonn November 2022

Federal Institute of Vocational Education and Training
Robert-Schuman-Platz 3
53175 Bonn
Telephone: 0228/107-1638
E-Mail: grollmann@bibb.de

Mehr Informationen unter:

www.bibb.de

bibb
Bundesinstitut für
Berufsbildung

UNESCO says AI has the potential to accelerate the process of achieving the global education goals through reducing barriers to accessing learning, automating management processes, and optimizing methods to improve learning outcomes. Education will be profoundly transformed by AI. A high performing digital education ecosystem will increasingly include the use of AI at all levels including for teaching and learning. "Digital technology, when deployed skilfully and effectively by educators, can fully support the agenda of high quality and inclusive education and training for all learners." (European DigitalAction Plan). Local knowledge and capacity is critical for effective adoption and shaping of AIEd, and new scaling models are needed. According to the JRC the EU needs a "clearing house" that helps teachers and policy-makers make sense of the fast developments in this area. The project will be cross sectoral in VET and Adult Education. Central to our application is to build a reference network of AI Pioneers(trainers, stakeholders, policy makers and educational planners) for promoting the use and teaching of AI in Adult Education and VET. AI Pioneers will act as reference points for the design and implementation of future educational projects related to AI at regional, national and European levels. Further objectives include policy recommendations, toolkits and implementation guidelines for AI Pioneers; to identify, develop, and pilot use cases of artificial intelligence in education; to develop a supplement to the DigCompEDU Framework describing the skills and competences of teachers and trainers related to AI in Education; to develop guidelines (in line with existing EU policies) for ethical and trustworthy use of AI in education. The project will involve stakeholders throughout the AI system's life cycle, fostering training and education so that all
stakeholders understand the issues in developing ethical and trustworthy approaches to the use of AI in education.